

On page 56, in the Abstract, delete lines 1-18 and replace with:

a1
--A system for controlling a computer by thoughts in the user's brain. The system applies stimuli of the brain via magnetic source imaging (MSI) for controlling the computer. Patterns of brain stimuli are recorded along with the particular thoughts that produced them and these thoughts are interpreted as functions for controlling the computer in much the same way as inputs from a keyboard or mouse. Criteria of acceptance of thought stimuli are generated by the system. Body stimuli, in addition to the brain stimuli, are monitored and used by the system. A user profile is maintained and displayed along with selected pictures for assisting with stimuli/thought pattern utilization. Artificial intelligence is used to enhance stimuli selection, human factors and reliability, as well as analyzing past errors, adverse occurrences and performance. Analyses and summaries are produced by the system for psychiatrists, psychologists, researchers and users to study system enhancement, biofeedback, psychological impact, brain activity, localization and identification of feelings and thought patterns. Stimuli are monitored at brain and body locations. Various functions are applied to animals.--

IN THE CLAIMS:

Please amend Claim 1 as follows:

1. (Amended) An apparatus for controlling a computer operation based on one or more stimuli sensed from at least one user thought, said apparatus comprising:

a2
Sub B
(a) stimuli input means coupled to the user for detecting at least one stimulus being caused by the at least one thought of the user;